



UNITED STATES DEPARTMENT OF COMMERCE
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SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.
07/780,455	10/22/91	ASAHINA	PD-8811FWC

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LOS ANGELES, CA 90067

11M1

EXAMINER
TSAI, H

ART UNIT
1107

DATE MAILED: 04/16/93

NOTICE OF ALLOWABILITY

PART I.

- ☒ This communication is responsive to paper #37, filed on 4/1/93
- ☒ All the claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice Of Allowance And Issue Fee Due or other appropriate communication will be sent in due course.
- ☒ The allowed claims are 25, 27, 28
- ☐ The drawings filed on _____ are acceptable.
- ☒ Acknowledgment is made of the claim for priority under 35 U.S.C. 119. The certified copy has ☒ been received. ☐ not been received. ☐ been filed in parent application Serial No. 07/151361, filed on 2/2/88
- ☒ Note the attached Examiner's Amendment.
- ☒ Note the attached Examiner Interview Summary Record, PTOL-413.
- ☐ Note the attached Examiner's Statement of Reasons for Allowance.
- ☐ Note the attached NOTICE OF REFERENCES CITED, PTO-892.
- ☐ Note the attached INFORMATION DISCLOSURE CITATION, PTO-1449.

PART II.

A SHORTENED STATUTORY PERIOD FOR RESPONSE to comply with the requirements noted below is set to EXPIRE THREE MONTHS FROM THE "DATE MAILED" indicated on this form. Failure to timely comply will result in the ABANDONMENT of this application. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

- ☐ Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION, PTO-152, which discloses that the oath or declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED.
- ☒ APPLICANT MUST MAKE THE DRAWING CHANGES INDICATED BELOW IN THE MANNER SET FORTH ON THE REVERSE SIDE OF THIS PAPER.
 - ☒ Drawing informalities are indicated on the NOTICE RE PATENT DRAWINGS, PTO-948, attached hereto or to Paper No. 32. CORRECTION IS REQUIRED.
 - ☐ The proposed drawing correction filed on _____ has been approved by the examiner. CORRECTION IS REQUIRED.
 - ☐ Approved drawing corrections are described by the examiner in the attached EXAMINER'S AMENDMENT. CORRECTION IS REQUIRED.
 - ☒ Formal drawings are now REQUIRED.

Any response to this letter should include in the upper right hand corner, the following information from the NOTICE OF ALLOWANCE AND ISSUE FEE DUE: ISSUE BATCH NUMBER, DATE OF THE NOTICE OF ALLOWANCE, AND SERIAL NUMBER.

Attachments:

- ☒ Examiner's Amendment
- ☒ Examiner Interview Summary Record, PTOL-413
- ☐ Reasons for Allowance
- ☐ Notice of References Cited, PTO-892
- ☐ Information Disclosure Citation, PTO-1449

- ☐ Notice of Informal Application, PTO-152
- ☒ Notice re Patent Drawings, PTO-948
- ☐ Listing of Bonded Draftsmen
- ☐ Other

Chk Chaudhuri
Senior Patent Examiner
Examining Group 110



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Washington, D. C. 20231

SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.
7/780455			

EXAMINER	
Tami	
ART UNIT	PAPER NUMBER
	38

DATE MAILED:

EXAMINER INTERVIEW SUMMARY RECORD

All participants (applicant, applicant's representative, PTO personnel):

- (1) MR. J. M. Finkbeiner, applicant (3) applicant
(2) H. T. Tami, Examiner (4)

Date of interview 4/13/93

Type: ☒ Telephonic ☐ Personal (copy is given to ☐ applicant ☐ applicant's representative). 202-223-5700 ✓

Exhibit shown or demonstration conducted: ☐ Yes ☒ No. If yes, brief description: 16 212-551-5050

Agreement ☒ was reached with respect to some or all of the claims in question. ☐ was not reached.

Claims discussed: 25, 27, 28

Identification of prior art discussed:

Description of the general nature of what was agreed to if an agreement was reached, or any other comments:

Please see Examiner's amendment

(A fuller description, if necessary, and a copy of the amendments, if available, which the examiner agreed would render the claims allowable must be attached. Also, where no copy of the amendments which would render the claims allowable is available, a summary thereof must be attached.)

Unless the paragraphs below have been checked to indicate to the contrary, A FORMAL WRITTEN RESPONSE TO THE LAST OFFICE ACTION IS NOT WAIVED AND MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW (e.g., items 1-7 on the reverse side of this form). If a response to the last Office action has already been filed, then applicant is given one month from this interview date to provide a statement of the substance of the interview.

☐ It is not necessary for applicant to provide a separate record of the substance of the interview.

☒ Since the examiner's interview summary above (including any attachments) reflects a complete response to each of the objections, rejections and requirements that may be present in the last Office action, and since the claims are now allowable, this completed form is considered to fulfill the response requirements of the last Office action.

[Signature]
Examiner's Signature

APPLICANT'S COPY

Serial No. 07/780455

-3-

Art Unit 1107

Authorization for this Examiner's Amendment was given in a telephone interview with Mr. J. Finkelstein on April, 13, 1993.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to H. Jey Tsai whose telephone number is (703) 308-1374.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 308-0661.

hjt *HJT*
04/09/93

O'k Chaudhuri
Supervisory Patent Examiner
Patent Examining Group 110

Serial No. 07/780455

-2-

Art Unit 1107

An Examiner's Amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 C.F.R. § 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the Issue Fee.

This application is in condition for allowance.

Change title of invention to :

METHOD FOR FABRICATING A SEMICONDUCTOR DEVICE HAVING A CONDUCTOR STRUCTURE WITH A PLATED LAYER

In the claims :

Claim 25, line 4, after "structure", insert "which includes a metal plating layer"

← Claim 25, line 5, after "structure", insert "and contacting metal plating layer,".

× Claim 25, line 8, after "structure", insert "which also includes a metal plating layer".

Claim 25, line 16, change "form a", to "form the".

Claim 27, line 5, after "structure", insert "which includes a metal plating layer".

Claim 27, line 6, after "structure", insert "and contacting metal plating layer,".

PTO - 948
(Rev. 8-82)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

GROUP

ATTACHMENT TO PAPER NUMBER	40
S.N.	1.5/361

NOTICE OF PATENT DRAWINGS OBJECTION

Drawing Corrections and/or new drawings may only be submitted in the manner set forth in the attached letter, "Information on How to Effect Drawing Changes" PTO-1474.

- A. ☒ The drawings, filed on 2-2-88, are objected to as informal for reason(s) checked below:
- | | |
|--|--|
| 1. <input type="checkbox"/> Lines Pale. | 11. <input type="checkbox"/> Parts in Section Must Be Hatched. |
| 2. <input checked="" type="checkbox"/> Paper Poor. | 12. <input checked="" type="checkbox"/> Solid Black Objectionable. |
| 3. <input checked="" type="checkbox"/> Numerals are <i>Jagged</i> | 13. <input type="checkbox"/> Figure Legends Placed Incorrectly. |
| 4. <input checked="" type="checkbox"/> Lines are <i>Jagged</i> | 14. <input type="checkbox"/> Mounted Photographs. |
| 5. <input type="checkbox"/> Shade Lines Required. | 15. <input type="checkbox"/> Extraneous Matter Objectionable.
(37 CFR 1.84 (1)) |
| 6. <input checked="" type="checkbox"/> Figures Must be Numbered <i>Separately</i>
<i>Fig. 1a - 12</i> | 16. <input type="checkbox"/> Paper Undersized; either 8.5" x 14",
or 21.0 cm. x 29.7 cm. required. |
| 7. <input type="checkbox"/> Heading Space Required. | 17. <input type="checkbox"/> Proper A4 Margins Required:
<input type="checkbox"/> TOP 2.5 cm. <input type="checkbox"/> RIGHT 1.5 cm.
<input type="checkbox"/> LEFT 2.5 cm. <input type="checkbox"/> BOTTOM 1.0 cm. |
| 8. <input type="checkbox"/> Figures Must Not be Connected. | 18. <input type="checkbox"/> Other: |
| 9. <input checked="" type="checkbox"/> Criss-Cross Hatching Objectionable. | |
| 10. <input type="checkbox"/> Double-Line Hatching Objectionable. | |

- B. ☒ The drawings, submitted on 2-2-88, are so informal they cannot be corrected. New drawings are required. Submission of the new drawings MUST be made in accordance with the attached letter.